

Name: _____

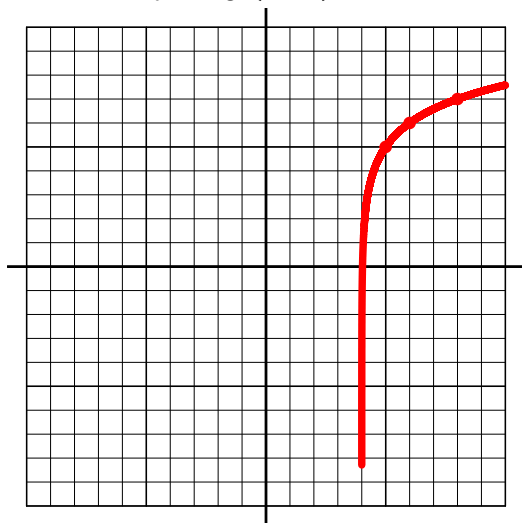
Date: _____

PCW__09__29 SOLUTION: Graph Parent Translations (version 13)

Graph each equation. Let the y axis be vertical and the x axis be horizontal. Also, let both axes be at unit scale, so each goes from -10 to 10 .

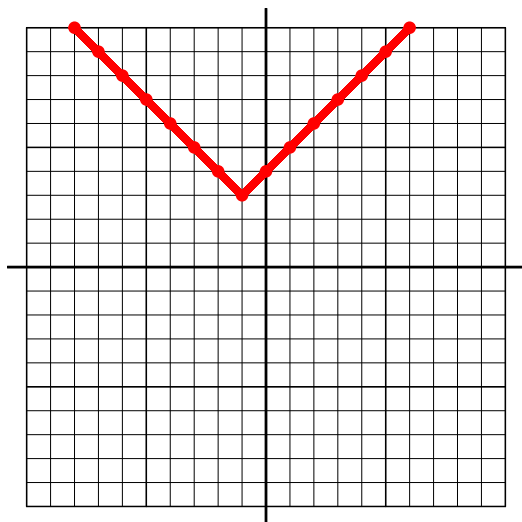
Clearly mark every solution where x and y are both integers with a small dot along the curve.

$$y = \log_2(x - 4) + 5$$

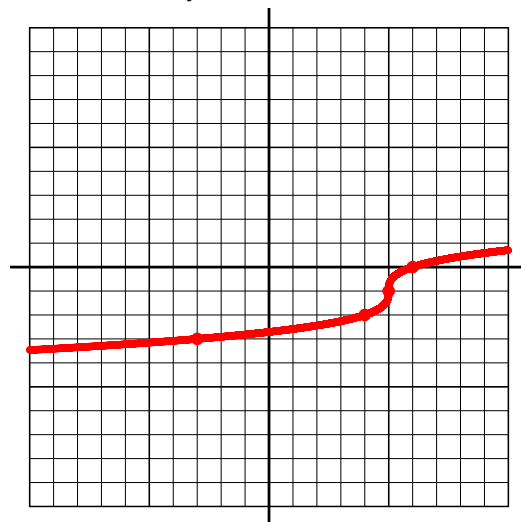


PCW_09_29 SOLUTION: Graph Parent Translations (version 13)

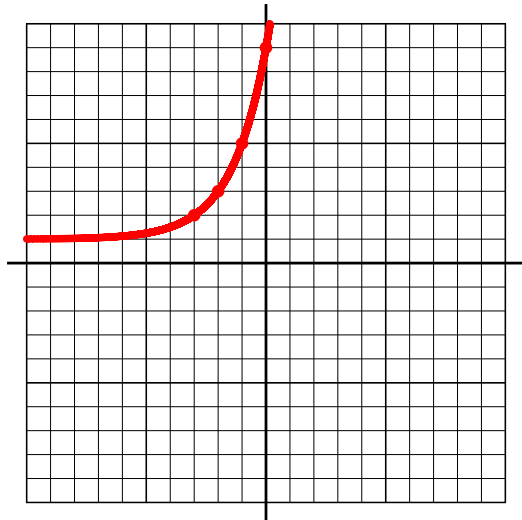
$$y = |x + 1| + 3$$



$$y = \sqrt[3]{x - 5} - 1$$



$$y = 2^{x+3} + 1$$



$$y = \frac{1}{x+2} - 1$$

